CLAIMS

What is claimed is:

1. In a computer network system having wireless components providing encrypted data transmission and receipt and comprising at least two wireless access points, said network having a different encryption keyset for each of said at least two access points, said computer network system comprising:

at least one network analyzer connected to said network by a wireless network card, said network analyzer being adapted to decrypt data captured from at least one of said at least two access points by said wireless network card wherein each of said keysets is grouped into a single keyset profile, said keyset profile being used to decrypt all of said captured data without having to manually enter a key or keyset information into said analyzer.

2. The system of claim 1, further comprising a plurality of access points, each access point having a keyset that encrypts data to and from at least one user and said access point, said profile containing said keyset to each of said plurality of access points.

3. The system of claim 2, wherein each access point utilizes a unique keyset, and wherein said profile contains each unique keyset.

4. The system of claim 2, wherein said keyset for each access point utilizes at least two keys, and wherein said profile contains each of said keysets.

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5. The system of claim 4, wherein each of said keysets is unique.

6. The system of claim 5, wherein each of said keysets uses at least 64 bit encryption.

7. The system of claim 5, wherein each of said keysets uses at least 128 bit encryption.

8. The system of claim 5 wherein said profile is a file and said file is stored internally in said network analyzer.

9. The system of claim 9 wherein said file is stored in an encrypted form in said network analyzer.

10. The system of claim 5 wherein said profile is a file and said file is stored on said computer.

11. The system of claim 10 wherein said file is stored in an encrypted form on said computer.

12. The system of claim 5 wherein said profile is a file and said file is stored on said network.

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13. The system of claim 12 wherein said file is stored in an encrypted form on said network.

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14. A network analyzer for use in a computer network having wireless components providing encrypted data transmission and having at least two wireless access points with different encryption keysets, said network analyzer comprising:

at least one wireless card adapted to communicate with the at least two wireless access points and capture data from the at least two wireless access points; and

a single keyset profile having a plurality of encryption keysets, each encryption keyset being used to decrypt encrypted data received from a different access point of said at least two wireless access points, said keyset profile being used to decrypt all of said captured data without having to manually enter a key or keyset information into said analyzer.

15. The network analyzer of claim 14, wherein each encryption keyset of said plurality of encryption keysets is a unique keyset.

16. The network analyzer of claim 14, wherein each encryption keyset comprises at least two keys.

17. The network analyzer of claim 16, wherein each key is unique.

18. The network analyzer of claim 14, wherein each of said plurality of keysets uses at least 64 bit encryption.

19. The network analyzer of claim 14, wherein each of said plurality of keysets uses at least 128 bit encryption.

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20. The network analyzer of claim 14, wherein said keyset profile is stored on a computer accessible through said network.

21. The network analyzer of claim 20, wherein said network analyzer uploads said keyset profile from said computer.

22. The network analyzer of claim 21, wherein said keyset profile is stored in an encrypted form on said computer.

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23. In a computer network having wireless components providing encrypted data transmission and receipt and comprising at least two wireless access points, said network having a different encryption keyset for each of said at least two access points, said computer network further comprising at least one computer being connected to said network by a wireless network card and having an analyzer module, a method for decrypting data captured by said wireless network card from at least one of said at least two access points, said method comprising:

a step for establishing a keyset profile accessible by said analyzer module, said keyset providing having all keysets being used by any of said at least two access points;

a step for receiving encrypted data from at least one of said at least two access points; and

a step for decrypting said received data by using said keyset profile, wherein said data is decrypted without manually entering keys or keyset information.

24. The method of claim 23, further comprising a step for storing said decrypted data.

25. The method of claim 23, further comprising a step for analyzing said decrypted data to identify any encrypted data.

26. The method of claim 25, further comprising a step for decrypting said encrypted data using a second keyset associated with said keyset profile.

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27. The method of claim 23, further comprising a step for selecting said keyset profile for said at least two wireless access points.

28. The method of claim 23, further comprising a step for accessing said keyset profile at a location of said computer network remote from said analyzer module.

29. The method of claim 28, further comprising a step for decrypting said keyset profile and storing a decrypted version of said keyset profile local to said analyzer module.

30. The method of claim 23, further comprising a step for displaying said decrypted data through at least one user interface.

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